

PATENT CLAIMS

1 - Particles comprising a core of calcium carbonate and a coating covering at least part of the surface of the core, the coating being carried out in at least two
5 distinct consecutive steps, each step using a different coating agent.

2 - The particles of claim 1 comprising a first coating agent selected from alkylsulfates, sulfonic acids, carboxylic acids, their salts and their esters, fatty alcohols, polyhydric alcohols or mixture thereof, used in the first step, and a
10 second coating agent selected from polyhydric alcohols, esters of carboxylic acids, or mixtures thereof, used in the second step.

3 - The particles of claim 2 wherein the carboxylic acid is a fatty acid and the polyhydric alcohol is a diol or a triol.

4 - The particles of claim 2 wherein the carboxylic acid is stearic acid, and the polyhydric alcohol is 1,2-ethanediol or glycerol.

15 5 - The particles of claim 2 wherein the carboxylic acid used as the first coating agent is a fatty acid and the ester of carboxylic acid used as second coating agent is a phthalic acid ester.

20 6 - Process for the preparation of particles conform to any one of claims 1 to 5, in which the particles are first brought into contact with a first coating agent and then a second coating agent is applied to the particles .

7 - Process according to Claim 6 wherein, the second coating agent is applied in liquid, dissolved, solid or gas form.

8 - Use of the particles according to any of the claims 1 to 5 as a filler.

25 9 - The use according to claim 8 in rubbers, inks, plastisols, sealants, papers, paints, coatings, pharmaceuticals, foods and cosmetics.

INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2005/050232		
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08K3/26 C08K9/04 C09C1/02 C09K3/10 C09D7/12 C01F11/18		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08K C09C C09K C09D C01F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 24 11 219 A1 (KANZAKI PAPER MANUFACTURING CO., LTD.; TOKIO; KANZAKI PAPER MANUFACTUR) 12 September 1974 (1974-09-12) page 6, lines 5-19; claims 1,8 -----	1,2
X	GB 1 328 361 A (GENERAL ELECTRIC CO) 30 August 1973 (1973-08-30) example 10 -----	1,2
X	DE 12 92 374 B (WYANDOTTE CHEMICALS CORP) 10 April 1969 (1969-04-10) column 4, lines 8-15 -----	1,2
X	WO 02/055596 A (OMYA AG; HOPPLER, HANS, ULRICH; OCHSNER, EDWIN; FREY, DANIEL) 18 July 2002 (2002-07-18) claims 1,3,4,6 -----	1
<div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">7 April 2005</div>		Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">14/04/2005</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Von Kuzenko, M</div>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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